

## EAST Search History

CL

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| L1    | 1571446 | (shue.in. or mohr.in. or soley.in. or warnecke.in. or kirkman.in. or mazur.in. or nadler.in. or holbrook.in. or leidy.in.) arm                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/13 11:56 |
| L2    | 572     | (shue.in. or mohr.in. or soley.in. or warnecke.in. or kirkman.in. or mazur.in. or nadler.in. or holbrook.in. or leidy.in.) and arm                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/13 11:56 |
| L3    | 243     | (shue.in. or mohr.in. or soley.in. or warnecke.in. or kirkman.in. or mazur.in. or nadler.in. or holbrook.in. or leidy.in.) and arm and forming            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/13 11:57 |
| L4    | 22      | (shue.in. or mohr.in. or soley.in. or warnecke.in. or kirkman.in. or mazur.in. or nadler.in. or holbrook.in. or leidy.in.) and arm and forming and thread | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/13 11:57 |
| L5    | 51      | (shue.in. or mohr.in. or soley.in. or warnecke.in. or kirkman.in. or mazur.in. or nadler.in. or holbrook.in. or leidy.in.) and arm and forming and thread | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 11:59 |
| L6    | 3341    | arm .clm. and forming.clm. and threaded.clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 12:04 |
| L7    | 3433    | arm .clm. and forming.clm. and ( (screw adj thread) or (threaded)). clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 12:04 |
| L8    | 3433    | arm .clm. and forming.clm. and ( (screw adj thread) or (threaded)). clm. and forming.clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 12:05 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L9  | 3433 | arm .clm. and forming.clm. and (screw adj thread) or (threaded)).<br>clm. and forming.clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13 12:05 |
| L10 | 5    | arm .clm. and forming.clm. and (screw adj thread) or (threaded)).<br>clm. and forming.clm. and invert.<br>clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13 12:05 |
| L11 | 5    | "6722488"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L12 | 46   | "5411514"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L13 | 1    | 10/727824   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L14 | 1    | "10727824"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L15 | 71   | ("0194871" "0035409" "4461637" "4906269" "4986844" "5005907" "5119687" "5271756" "5345389" "5425794" "5445662" "5458668" "5547485" "5562751" "5588328" "5609659" "5609663" "5649989" "5649991" "5652490" "5685197" "5732596" "5746091" "5814119" "5819588" "5843201" "5846282" "5876476" "5938809" "0052669" "6006622" "6155376" "6237434" "6247377" "6293166" "6301334").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |

## EAST Search History

|     |     |                             |   |    |     |                  |
|-----|-----|-----------------------------|---|----|-----|------------------|
| L16 | 1   | 10/727824                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L17 | 1   | "10727824"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L18 | 1   | "7634098"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L19 | 2   | "7063498"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L20 | 2   | "7063498"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L21 | 2   | ("7063498").PN.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L22 | 2   | "7063498"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L23 | 127 | (ball adj screw) and invert | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |

## EAST Search History

|     |      |                                 |   |    |     |                  |
|-----|------|---------------------------------|---|----|-----|------------------|
| L24 | 2266 | (ball adj screw) and glass      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L25 | 24   | (ball adj screw) and glassware  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L26 | 1    | 10/727824                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L27 | 152  | 65/235.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L28 | 114  | 65/236.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L29 | 240  | 65/241.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L30 | 34   | 65/241.ccls. and ball           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L31 | 20   | 65/241.ccls. and ball and screw | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |

## EAST Search History

|     |     |                                 |   |    |     |                  |
|-----|-----|---------------------------------|---|----|-----|------------------|
| L32 | 551 | 65/260.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L33 | 57  | 65/260.ccls. and ball           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L34 | 36  | 65/260.ccls. and ball and screw | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L35 | 56  | 414/682.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L36 | 178 | 414/692.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L37 | 481 | 414/699.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L38 | 34  | 414/699.ccls. and ball          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L39 | 0   | 440/434.ccls. and ball          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |

## EAST Search History

|     |     |               |   |    |     |                  |
|-----|-----|---------------|---|----|-----|------------------|
| L40 | 0   | 440/434.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L41 | 0   | 440/434       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L42 | 0   | 440/441.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L43 | 0   | 440/412.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L44 | 0   | 440/441.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L45 | 152 | 65/235.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L46 | 114 | 65/236.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L47 | 240 | 65/241.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L48 | 551 | 65/260.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L49 | 168 | (L45 L46 L47 L48) and pinion                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L50 | 24  | "3445218"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L51 | 152 | 65/235.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L52 | 114 | 65/236.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L53 | 240 | 65/241.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L54 | 551 | 65/260.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L55 | 0   | (L51 L52 L53 L54) and (ball adj<br>screw adj bearing) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| L56 | 0  | (L51 L52 L53 L54) and (ball adj bearing adj screw)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L57 | 27 | (L51 L52 L53 L54) and (ball adj bearing)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L58 | 72 | ("2764034" "3241941" "3573027" "3617233" "3899933" "4407544" "4427431" "4487087" "4529429" "4532822" "4533377" "4554842" "4588068" "4599101" "4637827" "4652291" "4685947" "4687502" "4705552" "4708727" "4723977" "4723980" "4759229" "4775403" "6006622" "6155376" "6237434" "6247377" "6293166" "6301334").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L59 | 3  | "4906269"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L60 | 3  | "4986844"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L61 | 7  | "5005907"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L62 | 13 | "5119687"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |



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|     |    |                  |   |    |     |                  |
|-----|----|------------------|---|----|-----|------------------|
| L63 | 10 | "5271756"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 12:05 |
| L64 | 1  | ("5271756").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L65 | 1  | ("5345389").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L66 | 1  | ("5425794").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L67 | 1  | ("5445662").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L68 | 1  | ("5547485").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L69 | 1  | ("5458668").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L70 | 1  | ("5562751").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L71 | 1  | ("5588328").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L72 | 1  | ("5609639").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L73 | 1  | ("5609663").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L74 | 1  | ("5649989").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L75 | 1  | ("5649991").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L76 | 1  | ("5652490").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L77 | 1  | ("5685197").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L78 | 1  | ("5732596").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L79 | 1  | ("5746091").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L80 | 0  | ("8414119").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L81 | 0  | ("58414119").PN. | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L82 | 1  | ("5814119").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L83 | 1  | ("5819588").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L84 | 1  | ("5843201").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L85 | 1  | ("5846282").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L86 | 1  | ("5876476").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| L87 | 1  | ("5938809").PN.  | USPAT   | OR | OFF | 2006/09/13 12:05 |
| S1  | 5  | "6722488"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 11:24 |
| S2  | 46 | "5411514"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 11:25 |

## EAST Search History

|    |    |   |   |    |     |                  |
|----|----|---|---|----|-----|------------------|
| S3 | 0  | 10/727824   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 17:40 |
| S4 | 0  | "10727824"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 13:41 |
| S5 | 71 | ("0194871" "0035409" "4461637" "4906269" "4986844" "5005907" "5119687" "5271756" "5345389" "5425794" "5445662" "5458668" "5547485" "5562751" "5588328" "5609659" "5609663" "5649989" "5649991" "5652490" "5685197" "5732596" "5746091" "5814119" "5819588" "5843201" "5846282" "5876476" "5938809" "0052669" "6006622" "6155376" "6237434" "6247377" "6293166" "6301334").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 11:55 |
| S6 | 0  | 10/727824   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:14 |
| S7 | 0  | "10727824"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:14 |
| S8 | 1  | "7634098"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:16 |
| S9 | 0  | "7063498"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:16 |

## EAST Search History

|     |      |                                |   |    |     |                  |
|-----|------|--------------------------------|---|----|-----|------------------|
| S10 | 0    | "7063498"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:16 |
| S11 | 0    | ("7063498").PN.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:16 |
| S12 | 0    | "7063498"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 15:16 |
| S13 | 126  | (ball adj screw) and invert    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 17:43 |
| S14 | 2174 | (ball adj screw) and glass     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 17:43 |
| S15 | 24   | (ball adj screw) and glassware | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 18:00 |
| S16 | 0    | 10/727824                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 18:00 |
| S17 | 149  | 65/235.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:58 |

## EAST Search History

|     |     |                                 |   |    |     |                  |
|-----|-----|---------------------------------|---|----|-----|------------------|
| S18 | 114 | 65/236.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:28 |
| S19 | 239 | 65/241.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:32 |
| S20 | 34  | 65/241.ccls. and ball           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:29 |
| S21 | 20  | 65/241.ccls. and ball and screw | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:30 |
| S22 | 550 | 65/260.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:31 |
| S23 | 57  | 65/260.ccls. and ball           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:31 |
| S24 | 36  | 65/260.ccls. and ball and screw | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:31 |
| S25 | 56  | 414/682.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:33 |

## EAST Search History

|     |     |                        |   |    |     |                  |
|-----|-----|------------------------|---|----|-----|------------------|
| S26 | 178 | 414/692.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:33 |
| S27 | 478 | 414/699.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:34 |
| S28 | 33  | 414/699.ccls. and ball | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:34 |
| S29 | 0   | 440/434.ccls. and ball | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:34 |
| S30 | 0   | 440/434.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:34 |
| S31 | 0   | 440/434                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:34 |
| S32 | 0   | 440/441.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:58 |
| S33 | 0   | 440/412.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 18:35 |

## EAST Search History

|     |     |                              |   |    |     |                  |
|-----|-----|------------------------------|---|----|-----|------------------|
| S34 | 0   | 440/441.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:58 |
| S35 | 149 | 65/235.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:59 |
| S36 | 114 | 65/236.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:59 |
| S37 | 239 | 65/241.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:59 |
| S38 | 550 | 65/260.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 12:59 |
| S39 | 166 | (S35 S36 S37 S38) and pinion | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:29 |
| S40 | 24  | "3445218"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:02 |
| S41 | 149 | 65/235.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:29 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S42 | 114 | 65/236.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:29 |
| S43 | 239 | 65/241.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:29 |
| S44 | 550 | 65/260.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:29 |
| S45 | 0   | (S41 S42 S43 S44) and (ball adj screw adj bearing)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:29 |
| S46 | 0   | (S41 S42 S43 S44) and (ball adj bearing adj screw)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:30 |
| S47 | 27  | (S41 S42 S43 S44) and (ball adj bearing)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/18 13:30 |
| S48 | 72  | ("2764034" "3241941" "3573027" "3617233" "3899933" "4407544" "4427431" "4487087" "4529429" "4532822" "4533377" "4554842" "4588068" "4599101" "4637827" "4652291" "4685947" "4687502" "4705552" "4708727" "4723977" "4723980" "4759229" "4775403" "6006622" "6155376" "6237434" "6247377" "6293166" "6301334").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/24 15:43 |

## EAST Search History

|     |    |                 |   |    |     |                  |
|-----|----|-----------------|---|----|-----|------------------|
| S49 | 3  | "4906269"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/24 15:43 |
| S50 | 3  | "4986844"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/24 15:45 |
| S51 | 7  | "5005907"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/24 15:46 |
| S52 | 13 | "5119687"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/24 15:46 |
| S53 | 10 | "5271756"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/24 15:46 |
| S54 | 1  | ("5271756").PN. | USPAT   | OR | OFF | 2006/06/24 15:47 |
| S55 | 1  | ("5345389").PN. | USPAT   | OR | OFF | 2006/06/24 15:54 |
| S56 | 1  | ("5425794").PN. | USPAT   | OR | OFF | 2006/06/24 16:02 |
| S57 | 1  | ("5445662").PN. | USPAT   | OR | OFF | 2006/06/24 16:02 |
| S58 | 1  | ("5547485").PN. | USPAT   | OR | OFF | 2006/06/24 16:02 |
| S59 | 1  | ("5458668").PN. | USPAT   | OR | OFF | 2006/06/24 16:02 |
| S60 | 1  | ("5562751").PN. | USPAT   | OR | OFF | 2006/06/24 16:03 |
| S61 | 1  | ("5588328").PN. | USPAT   | OR | OFF | 2006/06/24 16:04 |
| S62 | 1  | ("5609639").PN. | USPAT   | OR | OFF | 2006/06/24 16:04 |
| S63 | 1  | ("5609663").PN. | USPAT   | OR | OFF | 2006/06/24 16:04 |
| S64 | 1  | ("5649989").PN. | USPAT   | OR | OFF | 2006/06/24 16:04 |
| S65 | 1  | ("5649991").PN. | USPAT   | OR | OFF | 2006/06/24 16:05 |
| S66 | 1  | ("5652490").PN. | USPAT   | OR | OFF | 2006/06/24 16:05 |
| S67 | 1  | ("5685197").PN. | USPAT   | OR | OFF | 2006/06/24 16:05 |
| S68 | 1  | ("5732596").PN. | USPAT   | OR | OFF | 2006/06/24 16:05 |



## EAST Search History

|     |   |                  |       |    |     |                  |
|-----|---|------------------|-------|----|-----|------------------|
| S69 | 1 | ("5746091").PN.  | USPAT | OR | OFF | 2006/06/24 16:06 |
| S70 | 0 | ("8414119").PN.  | USPAT | OR | OFF | 2006/06/24 16:06 |
| S71 | 0 | ("58414119").PN. | USPAT | OR | OFF | 2006/06/24 16:06 |
| S72 | 1 | ("5814119").PN.  | USPAT | OR | OFF | 2006/06/24 16:06 |
| S73 | 1 | ("5819588").PN.  | USPAT | OR | OFF | 2006/06/24 16:06 |
| S74 | 1 | ("5843201").PN.  | USPAT | OR | OFF | 2006/06/24 16:07 |
| S75 | 1 | ("5846282").PN.  | USPAT | OR | OFF | 2006/06/24 16:07 |
| S76 | 1 | ("5876476").PN.  | USPAT | OR | OFF | 2006/06/24 16:07 |
| S77 | 1 | ("5938809").PN.  | USPAT | OR | OFF | 2006/06/24 16:07 |